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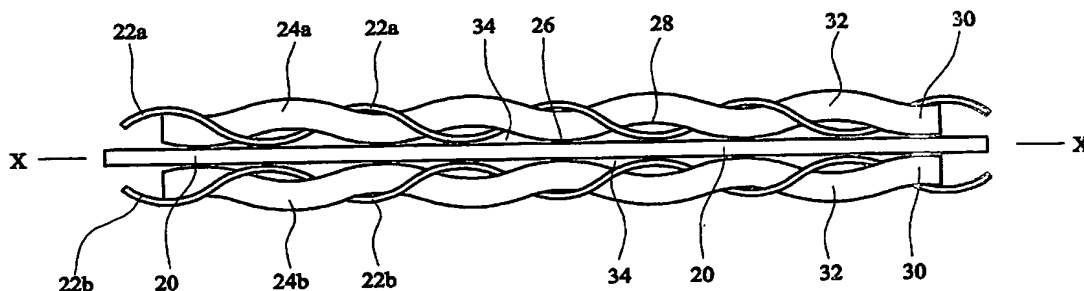
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(54) Title: IMPROVEMENTS IN AND RELATING TO COMPOSITE MATERIALS AND STRUCTURES



(57) Abstract: The invention provides composite components, structures and methods for producing composite components, a composite component having a negative effective Poissons ratio, the composite component including a first component and a second component, the first component and the second component extending longitudinally relative to an axis, the first component being provided around the second component through one or more turns, the one or more turns being spaced longitudinally relative to the axis, variation in the tensile load on a first component causing the radial position of the second component relative to the axis to vary.